

What is claimed is:

- 1 1. Apparatus for combining strainer, sight glass and orifice functions into a single
- 2 component inserted in an oil separation system located on the discharge side of a
- 3 compressor, comprising:
- 4 a sight glass block manifold that has a central sight glass section comprising a sight
- 5 glass aperture that extends partly through the manifold with a heat-sealed glass disc
- 6 that functions as a sight glass;
- 7 an inlet port section above the sight glass section that comprises an inlet port in fluidic
- 8 communication with the sight glass aperture and that has an "O"-ring port that is larger
- 9 than required by a connecting line and a strainer fitting that is threaded into the
- 10 manifold, with the strainer screen incorporated inside the manifold; and
- 11 an outlet port section below the sight glass section that comprises an outlet port in
- 12 fluidic communication with both the sight glass aperture and the inlet port and that has
- 13 an internal threaded section that accepts a mating threaded orifice insert and an "O"-
- 14 ring type fitting in fluidic communication with the orifice insert.